

Amendment to the Claims:

This listing of claims will replace all versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently amended) A method to manage multiple format fonts in an image generating device comprising the steps of:

receiving a management request from an associated user to store a font in a selected storage area of the image generating device;

receiving font data corresponding to a received management request;

determining, from the received font data, the type of font to be stored; and

selectively generating a new font file such that

when the font to be stored is a PostScript font, pre-appending selected PostScript language code to the PostScript font data to create a new font file inclusive of a PostScript Language code portion and a font data portion containing the received font data in its native form,

when the font to be stored is a PCL font, pre-appending selected PCL software commands to the PCL font data to create a new font file inclusive of a PCL code portion and a font data portion containing the received font data in its native form, and

when the font to be stored is other than a PostScript font or PCL font, converting the font to a PCL font and pre-appending selected PCL software commands to the converted PCL font data to create a new font file inclusive of a portion comprised of the selected PCL software commands and a font data portion containing the received font data in its native form;

storing the generated new font file in an associated data storage;

receiving an electronic document;

receiving a document imaging request associated with the received electronic document;

isolating font specification data associated with the received electronic document;

testing isolated font specification data in accordance with the font file data stored in the associated data storage;

retrieving a font data file from the associated storage in accordance with the step of testing; and

rendering the electronic documents in conjunction with the retrieved font data file.

2. (Cancelled)

3. (Currently amended) The method according to claim 21 further comprising the step of storing the ~~processed file~~ rendered document in the selected storage area.

4. (Original) The method according to claim 1 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

5. (Original) The method according to claim 1 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display device.

Claims 6-12 (Cancelled)

13. (Currently amended) A method to manage multiple format fonts in an image generating device comprising the steps of:

receiving a management request from an associated user;

determining the type of management request received;

upon a determination that the management request received is a request to store a font in a selected storage area of the image generating device,

receiving font data corresponding to a received management request;

determining, from the received font data, the type of font to be stored; and

selectively generating a new font file such that

when the font to be stored is a PostScript font, pre-appending selected PostScript language code to the PostScript font data to create a new font file inclusive of

a PostScript Language code portion and a font data portion containing the received font data in its native form;

when the font to be stored is a PCL font, pre-appending selected ~~PCL~~ PJL software commands to the PJL font data to create a new font file inclusive of a PJL code portion and a font data portion containing the received font data in its native form; and

when the font to be stored is other than a PostScript font or PCL font, converting the font to a PCL font and pre-appending selected PJL software commands to the converted PCL font data to create a new font file inclusive of a portion comprised of the selected PJL software commands and a font data portion containing the received font data in its native form;

storing a generated new font file in an associated data storage;

receiving an electronic document;

receiving a document imaging request associated with the received electronic document;

isolating font specification data associated with the received electronic document;

testing isolated font specification data in accordance with the font file data stored in the associated data storage;

retrieving a font data file from the associated storage in accordance with the step of testing; and

rendering the electronic documents in conjunction with a retrieved font data file;

upon a determination that the management request received is to remove a selected font from a selected storage area of an image generating device,

creating a new file which includes a selected command and the font to be removed;

determining if the selected font is stored in the storage area; and

upon a determination that the selected font is stored in the storage area, removing the selected font from the storage area; and

upon a determination that the management request received is to locate a selected type of font stored in a selected storage area of the image generating device,
determining if the selected type of font is stored in the storage area;
generating a list of fonts corresponding to the selected type of font, and
transmitting the list of fonts to the associated user via at least one of
displaying the list of fonts on a display means or generating test documents listing the fonts.

14. (Original) The method according to claim 13 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

15. (Original) The method according to claim 13 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

16. (Currently amended) A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user to store a font in a selected storage area of the image generating device;

means adapted for receiving font data corresponding to a received management request;

means adapted for determining the type of font to be stored; ~~and~~

means adapted for selectively generating a new font file such that

when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file inclusive of a PostScript Language code portion and a font data portion containing the received font data in its native form,

when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file inclusive of a PCL code portion and a font data portion containing the received font data in its native form, and

when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file inclusive of a portion comprised of the selected PCL software commands and a font data portion containing the received font data in its native form; and

means adapted for storing a generated new font file in an associated data storage;

means adapted for receiving an electronic document;

means adapted for receiving a document imaging request associated with the received electronic document;

means adapted for isolating font specification data associated with the received electronic document;

means adapted for testing isolated font specification data in accordance with the font file data stored in the associated data storage;

means adapted retrieving a font data file from the associated storage in accordance with the testing; and

means adapted for rendering the electronic documents in conjunction with a retrieved font data file.

17. (Cancelled)

18. (Currently amended) The system according to claim ~~16~~¹⁷ further comprising means adapted for storing the processed file in the selected storage area.

19. (Original) The system according to claim 16 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

20. (Original) The system according to claim 16 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display device.

Claims 21-27 (Cancelled)

28. (Currently amended) A system to manage multiple format fonts in an image generating device comprising:

means adapted for receiving a management request from an associated user;

means adapted for determining the type of management request received;

upon a determination that the management request received is a request to store a font in a selected storage area of the image generating device,

means adapted for receiving font data corresponding to a received management request;

means adapted for determining the type of font to be stored; and

means adapted for selectively generating a new font file such that

when the font to be stored is a PostScript font, means adapted for pre-appending selected PostScript language code to the PostScript font data to create a new font file inclusive of a PostScript Language code portion and a font data portion containing the received font data in its native form;

when the font to be stored is a PCL font, means adapted for pre-appending selected PCL software commands to the PCL font data to create a new font file inclusive of a PCL code portion and a font data portion containing the received font data in its native form; and

when the font to be stored is other than a PostScript font or PCL font, means adapted for converting the font to a PCL font and means adapted for pre-appending selected PCL software commands to the converted PCL font data to create a new font file inclusive of a portion comprised of the selected PCL software commands and a font data portion containing the received font data in its native form;

means adapted for storing a generated new font file in an associated data storage;

means adapted for receiving an electronic document;

means adapted for receiving a document imaging request associated with the received electronic document;

means adapted for isolating font specification data associated with the received electronic document;

means adapted for testing isolated font specification data in accordance with the font file data stored in the associated data storage;

means adapted retrieving a font data file from the associated storage in accordance with the testing; and

means adapted for rendering the electronic documents in conjunction with a retrieved font data file

upon a determination that the management request received is to remove a selected font from a selected storage area of an image generating device,

means adapted for creating a new file which includes a selected command and the font to be removed;

means adapted for determining if the selected font is stored in the storage area; and

upon a determination that the selected font is stored in the storage area, means adapted for removing the selected font from the storage area; and

upon a determination that the management request received is to locate a selected type of font stored in a selected storage area of the image generating device,

means adapted for determining if the selected type of font is stored in the storage area;

means adapted for generating a list of fonts corresponding to the selected type of font, and

means adapted for transmitting the list of fonts to the associated user via at least one of displaying the list of fonts on a display means or generating test documents listing the fonts.

29. (Original) The system according to claim 28 wherein the management request is received from an associated user via at least one of a simple management network protocol and a web administration user interface.

30. (Original) The system according to claim 28 wherein the image generating device is selected from the group consisting of a printing device, a facsimile device, a copying device, and a video display monitor.

Claims 31-38 (Cancelled)